

Title (en)

Method of plating a bonded magnet and a bonded magnet carrying a metal coating.

Title (de)

Verfahren zur Plattierung eines Verbundmagneten sowie Verbundmagnet mit einem Metallüberzug.

Title (fr)

Procédé de revêtement d'un aimant composite et aimant composite ainsi revêtu.

Publication

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Application

EP 92103609 A 19920303

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- JP 6397791 A 19910304
- JP 6397891 A 19910304
- JP 6397991 A 19910304

Abstract (en)

A closely adherent metal coating having a uniform thickness and substantially free from pinholes is formed on the porous surface of a bonded magnet to improve its oxidation and corrosion resistance without lowering its magnetic properties. The coating is formed by electroplating from an aqueous solution not containing chlorine, and having a pH of 5 or above. More particularly, the solution contains mainly nickel sulfate, an electrolyte in the form of an organic acid salt not containing chlorine, and a basic electrolyte not containing chlorine, and forms a nickel coating on the magnet surface. <IMAGE>

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CPC (source: EP US)

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Cited by

KR100607297B1; EP0984464A3; EP1441047A4; EP1455368A4; EP0712198A4; KR20190093280A; GB2321647A; US5985124A; GB2321647B; EP1493847A3; EP1024506A1; EP1028437A4; CN110506315A; EP3611740A4; US6251196B1; US11462959B2; US7156928B2; WO02063070A1; US7449100B2; US6406611B1; US6399150B1; US7053745B2; KR100374398B1

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